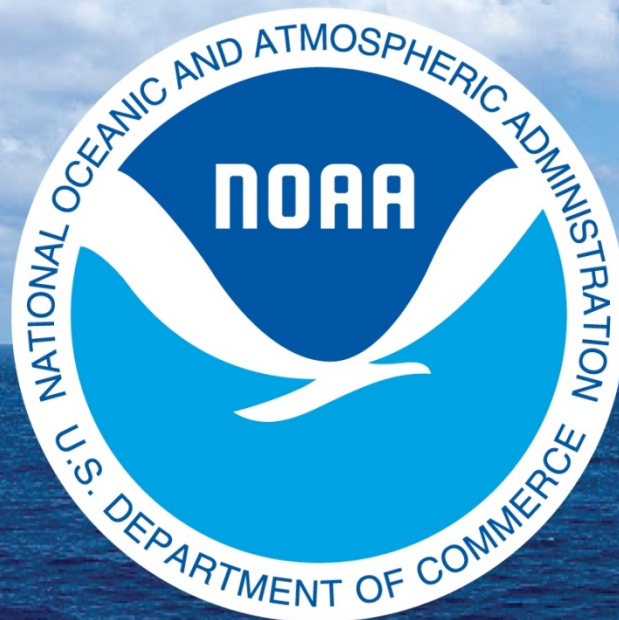
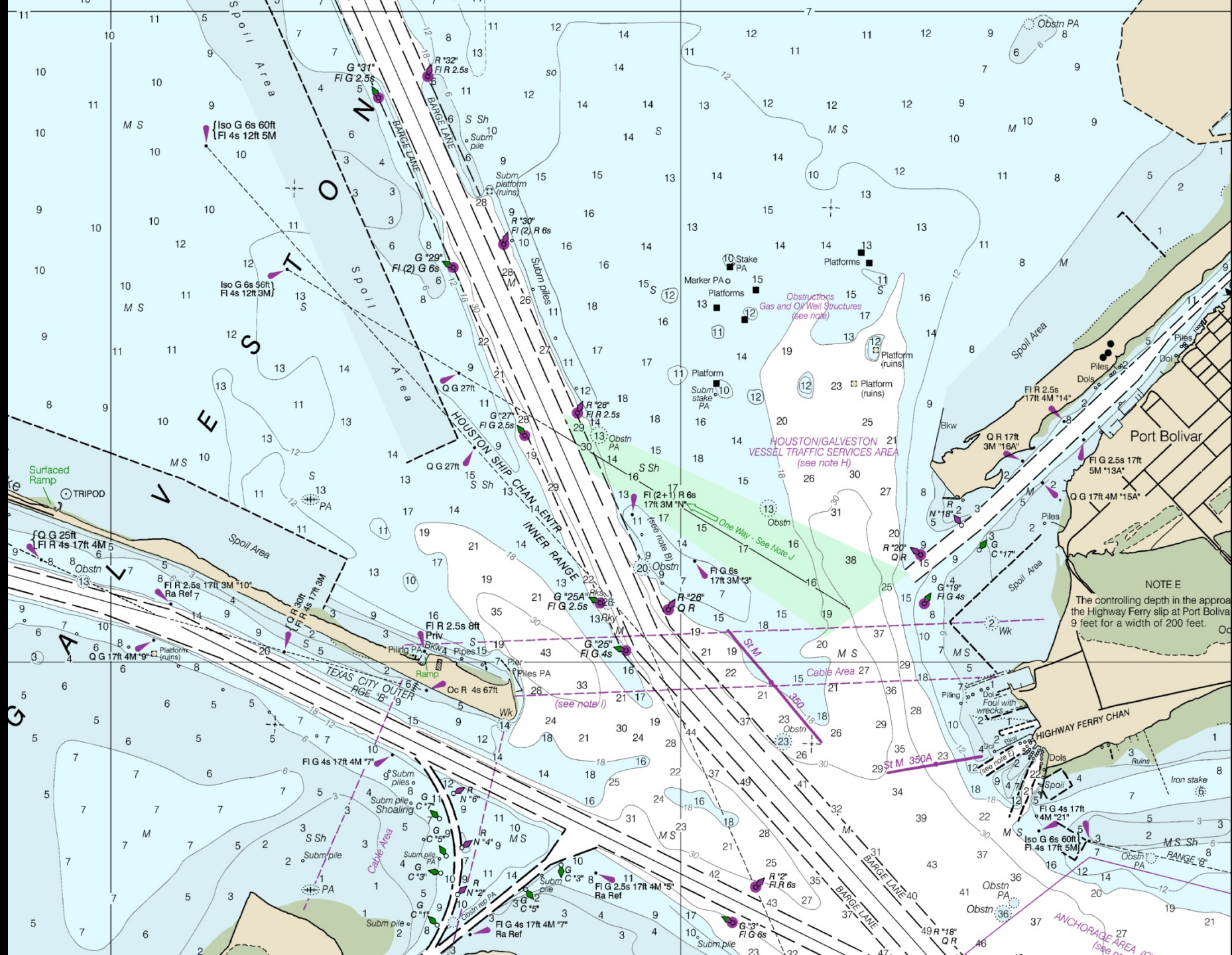
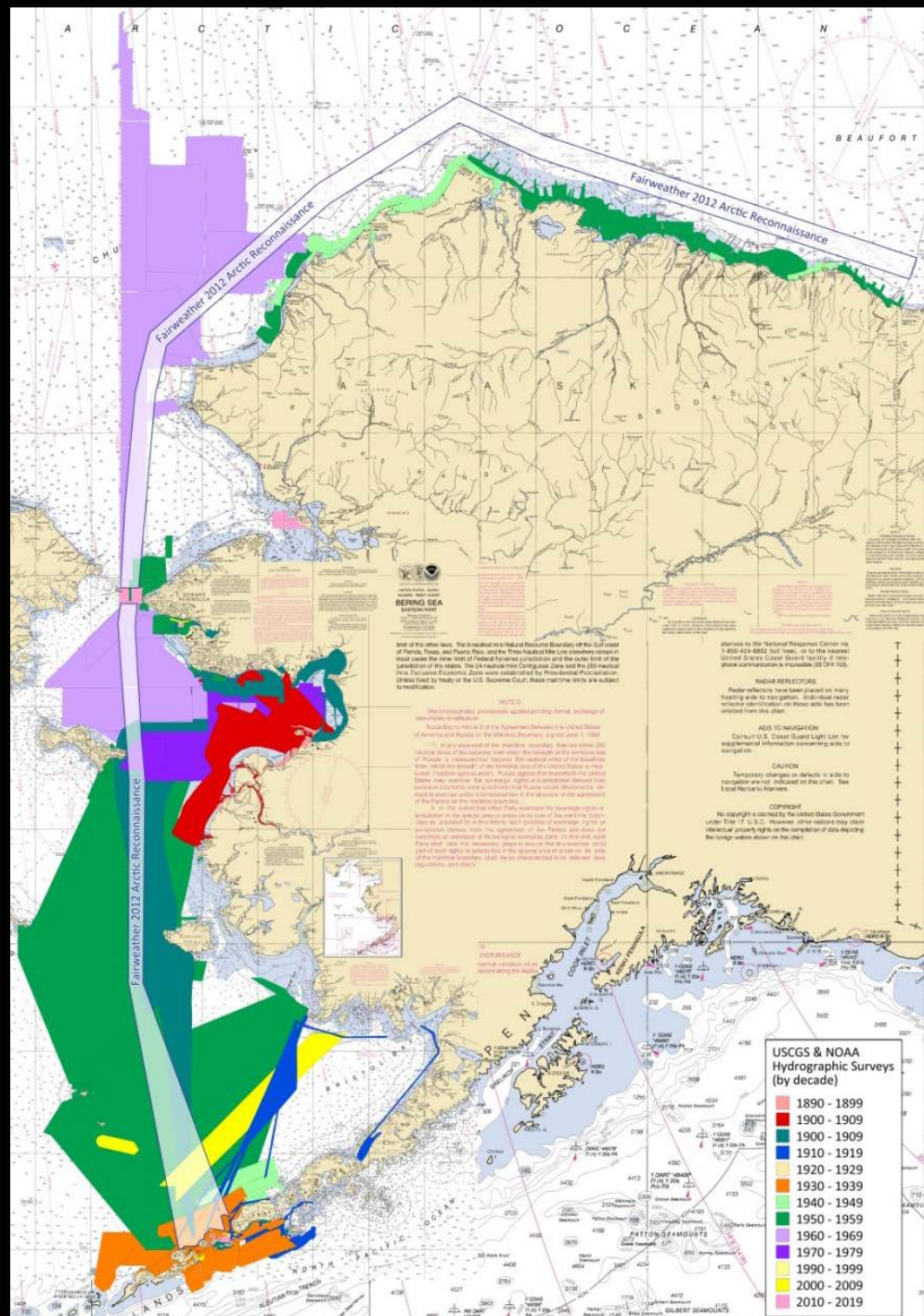
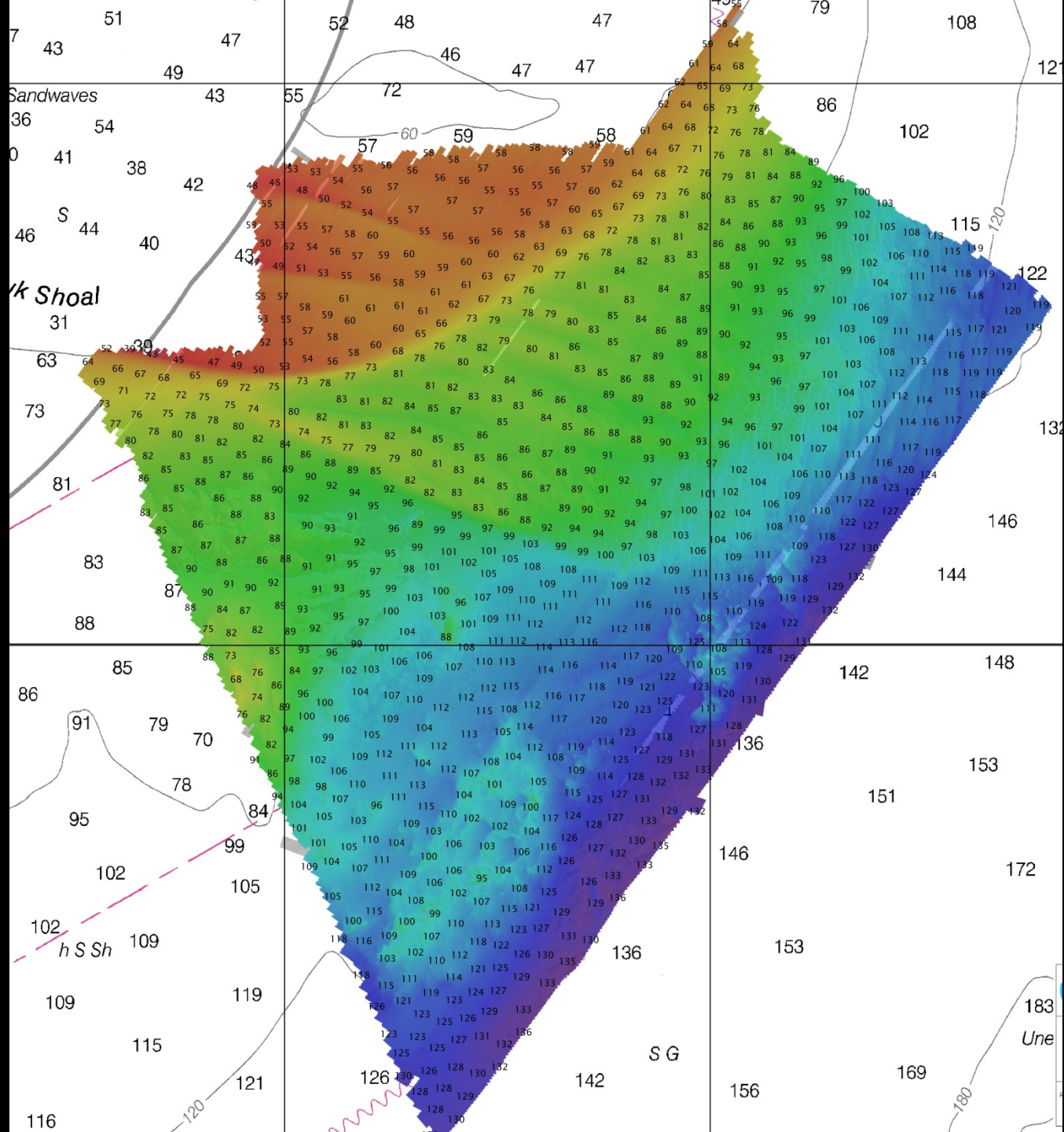




Rear Admiral Gerd Glang
Director, Office of Coast Survey







Harwood Point Ranges

Foul 1
Fl R 4s 26ft 4 St M "50"

F 48ft

RG Bn

G "3"

Fl G 4s

F 30ft

RG Bn

G "1"

ARGE ZONE
ote Z)

S RIVER
SERVICES AREA
e D)

Obstr rep

G "43"

Q G

Hen I

St M "39"

PA

Foul 1

4

1

Foul

Chicken

2

Islands

R 10

N "Q42"

W Bn

F 64ft

S "Q40"

R

3

6

Foul

3

12

2

3

2

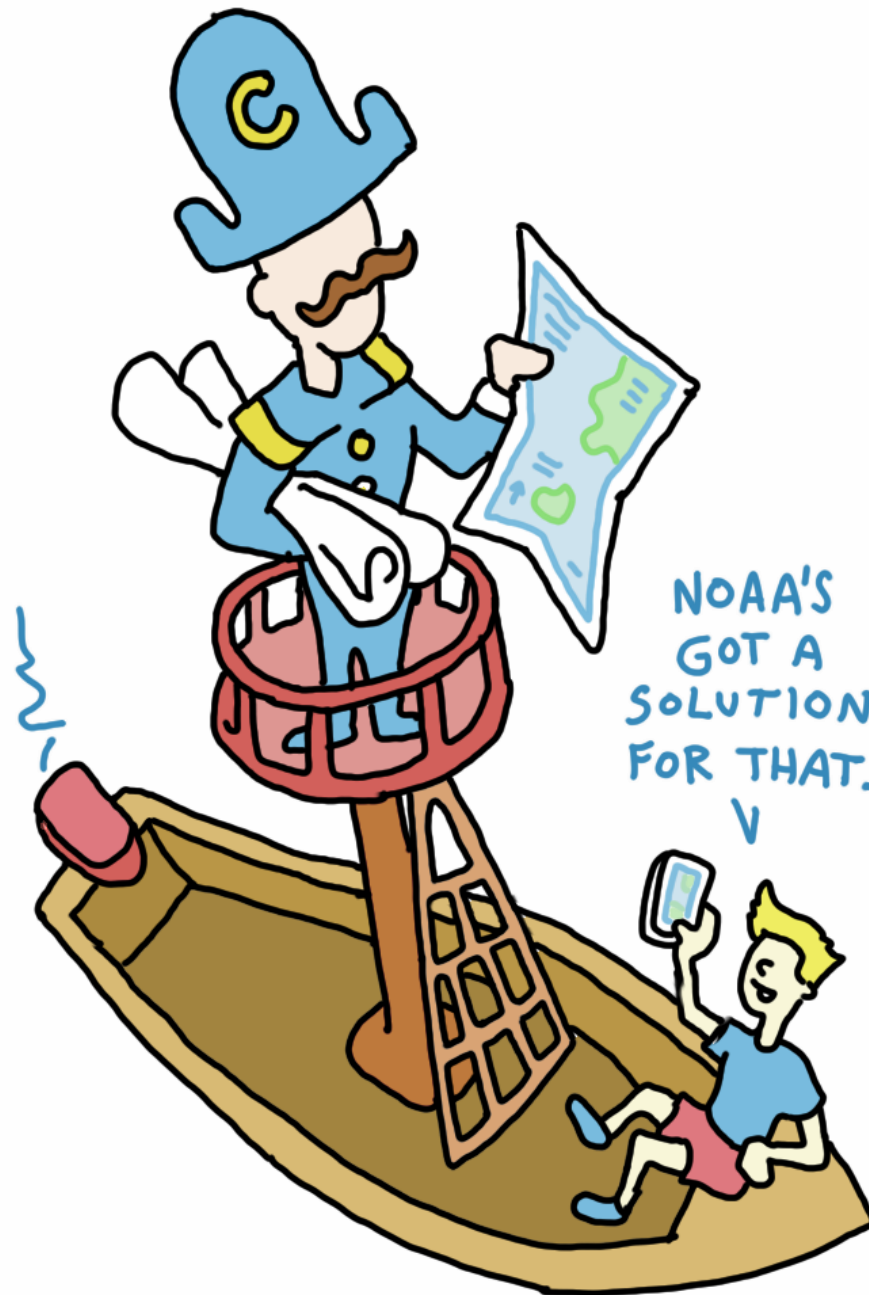
Stribling Point

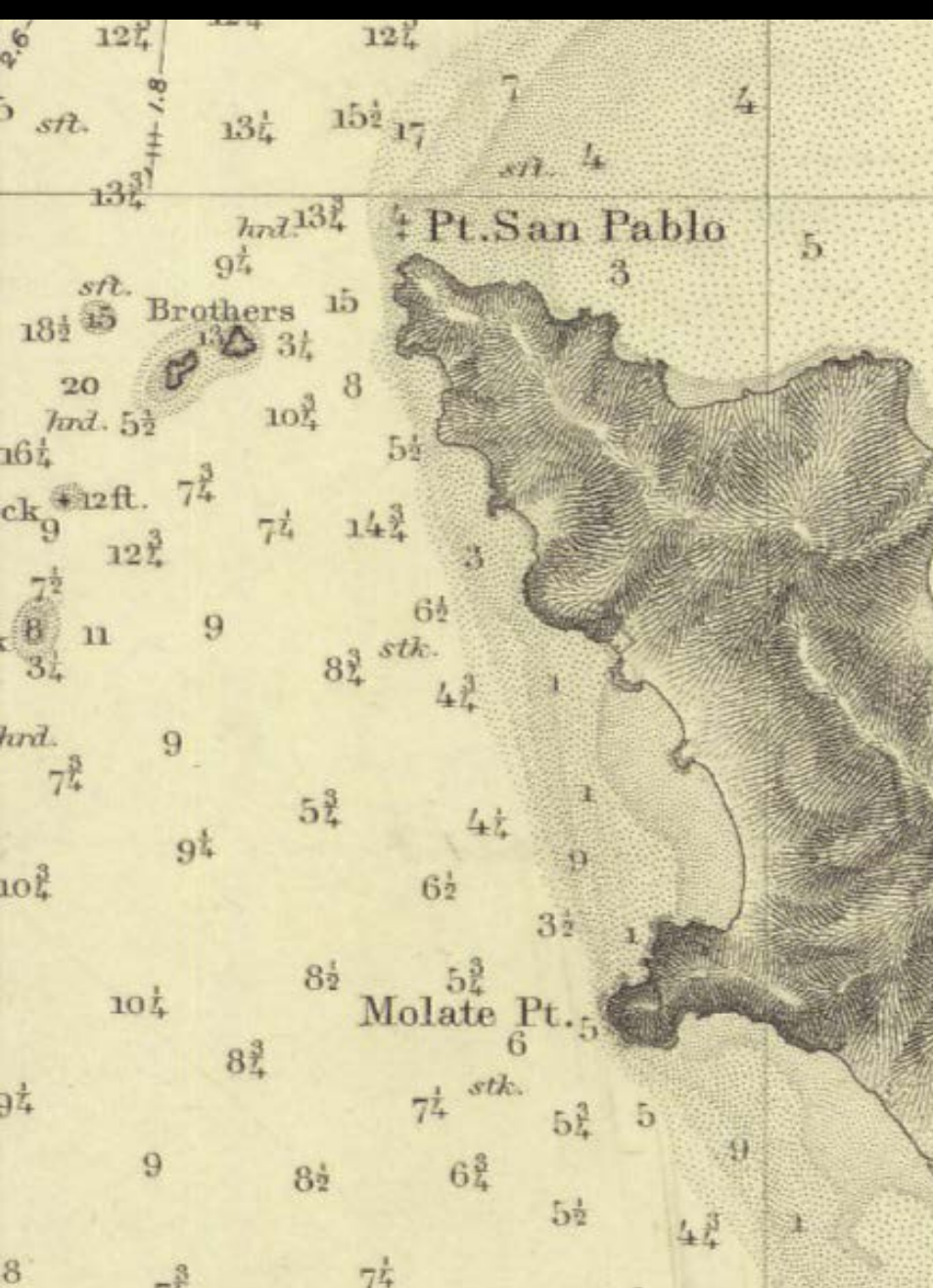
(18)

Stribling Poi

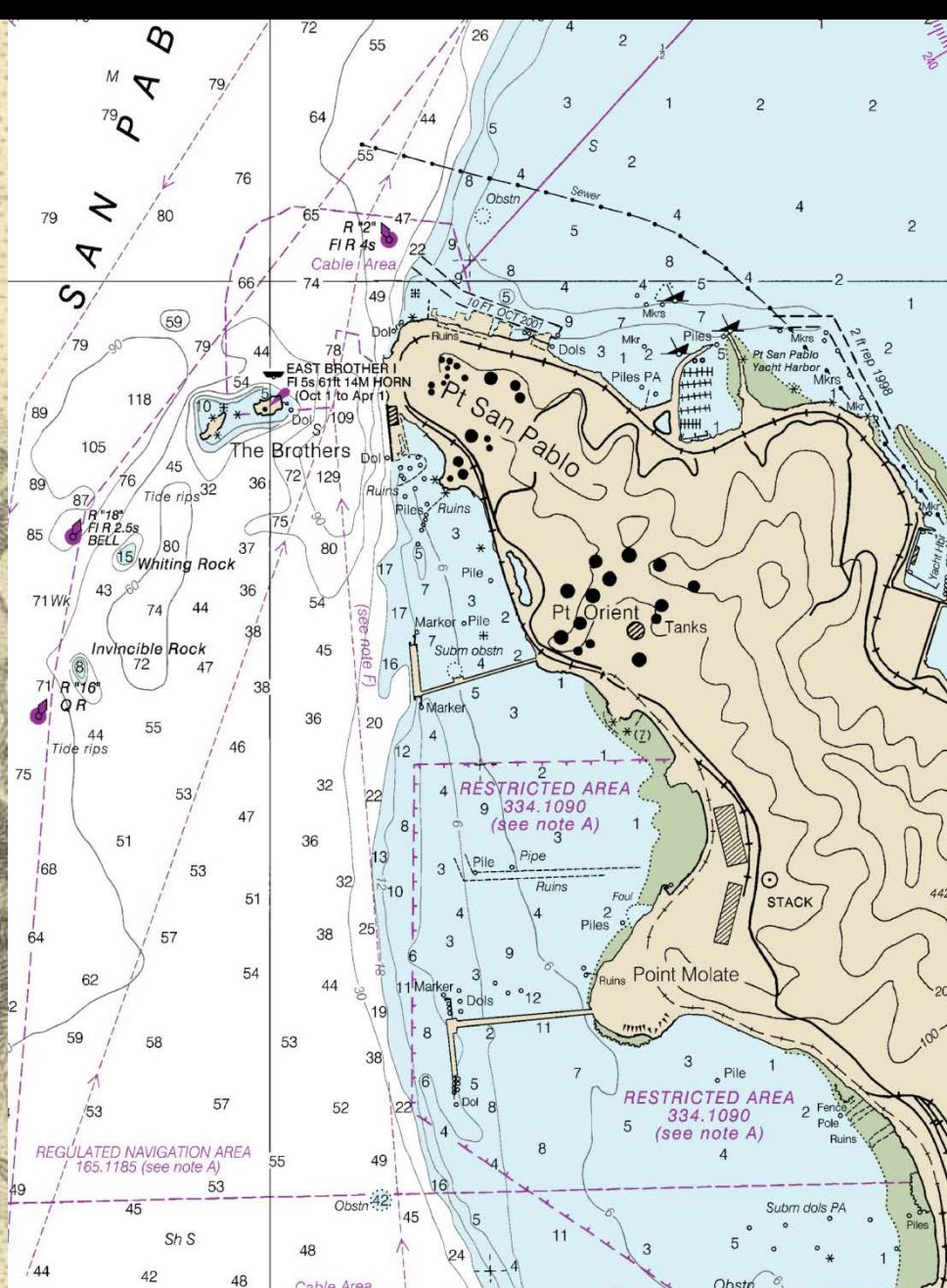
Red lines show
charted positions
before lidar
corrections



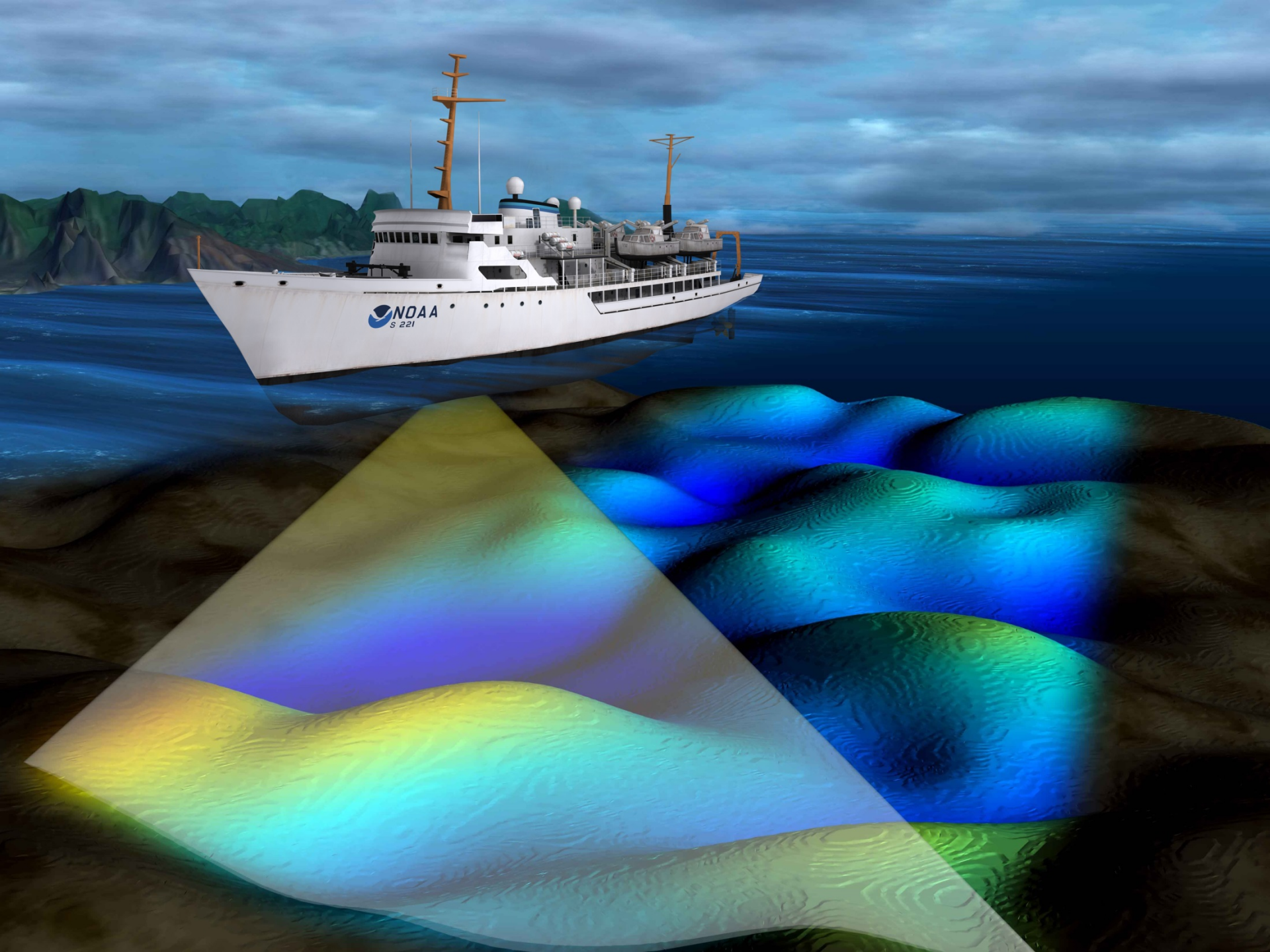


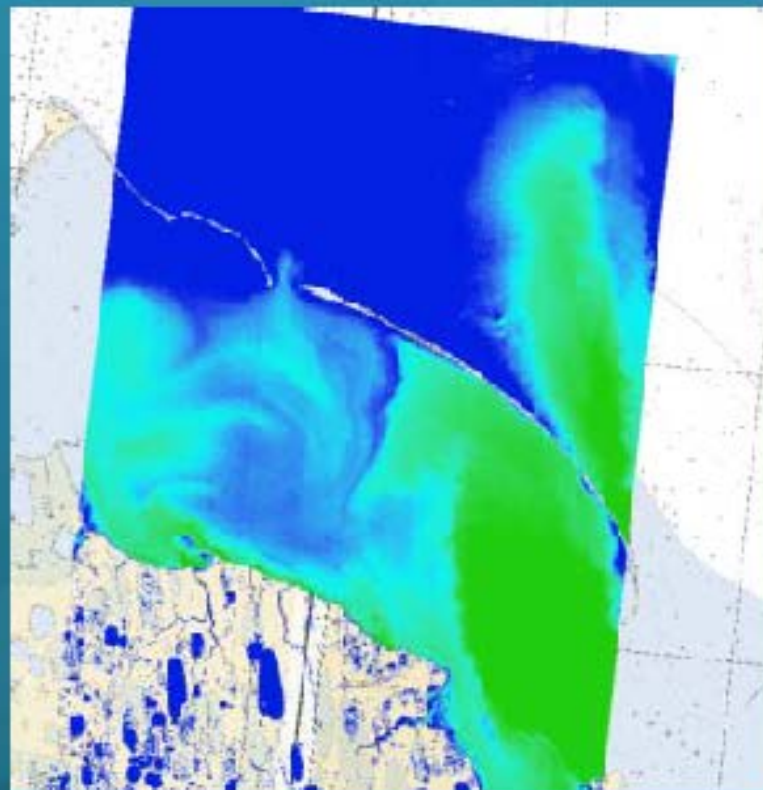
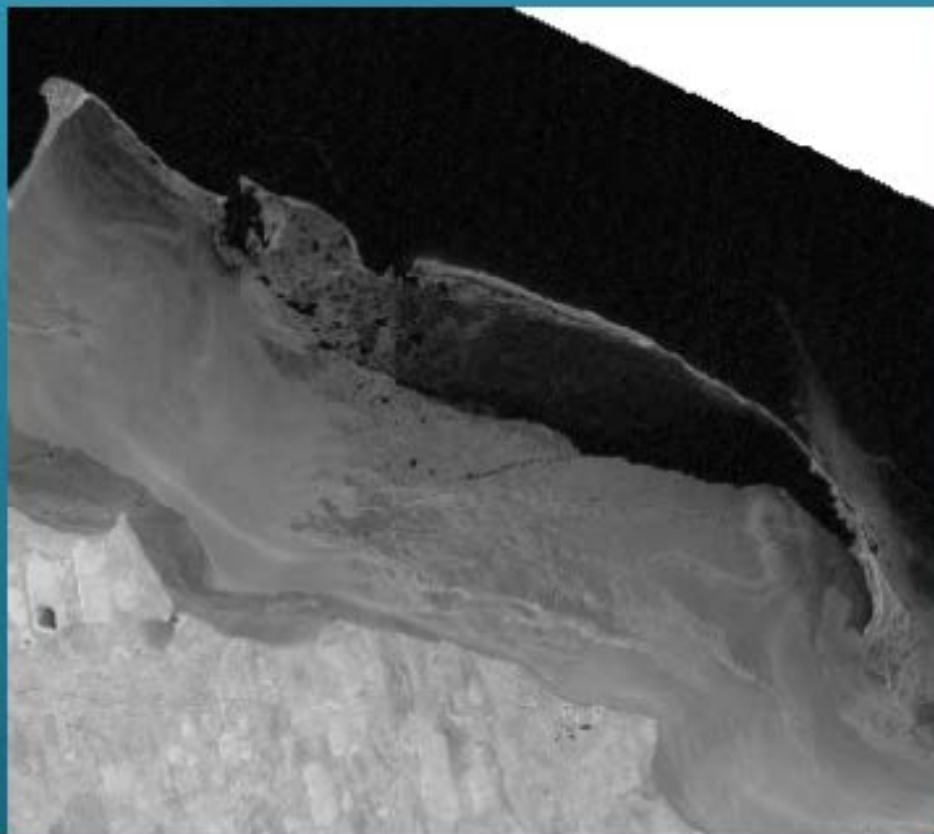


1863 chart



2014 chart





(Left) IR Landsat 7 image (Oct. 3, 2001) showing the ice formation over the suspected shoal. (Right) Satellite-derived bathymetry from WV-2 (August 10, 2010).



Shoaling

Details

Comments

marker 116

Watch depth at R116

Date: 2013-05-23

Captain: [Christelle](#), Trenton ON (514)

We ran hard aground between 116a and 116 Charts said 12' but there was just over 1' at high tide!! Beware, please. A boat behind us had to get towed off we managed to rock ourselves off. If you follow the magenta line it will take you right across the shallow spot and you will touch. We draw 3.5 feet.

Shoaling here

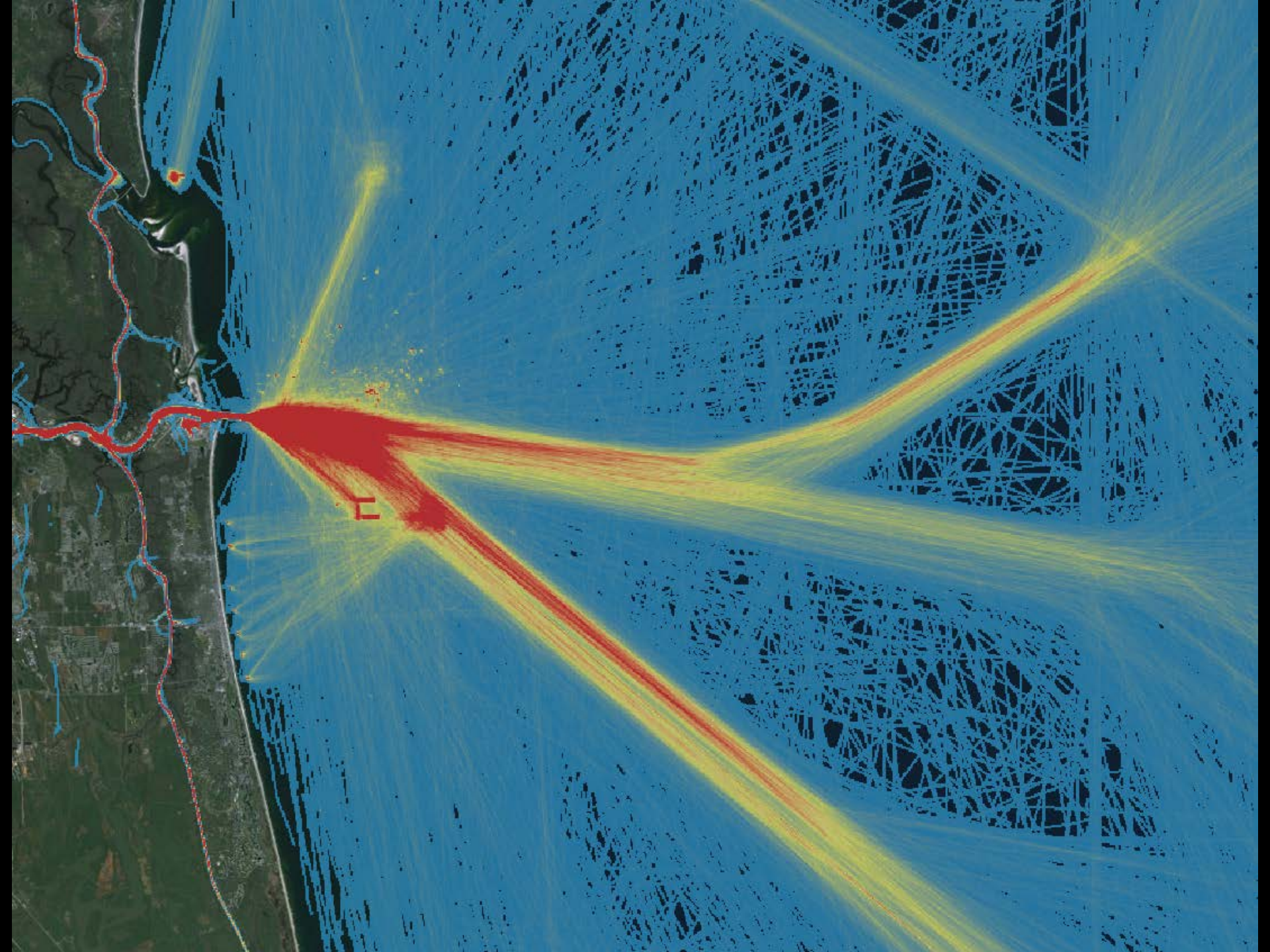
Date: 2011-03-01

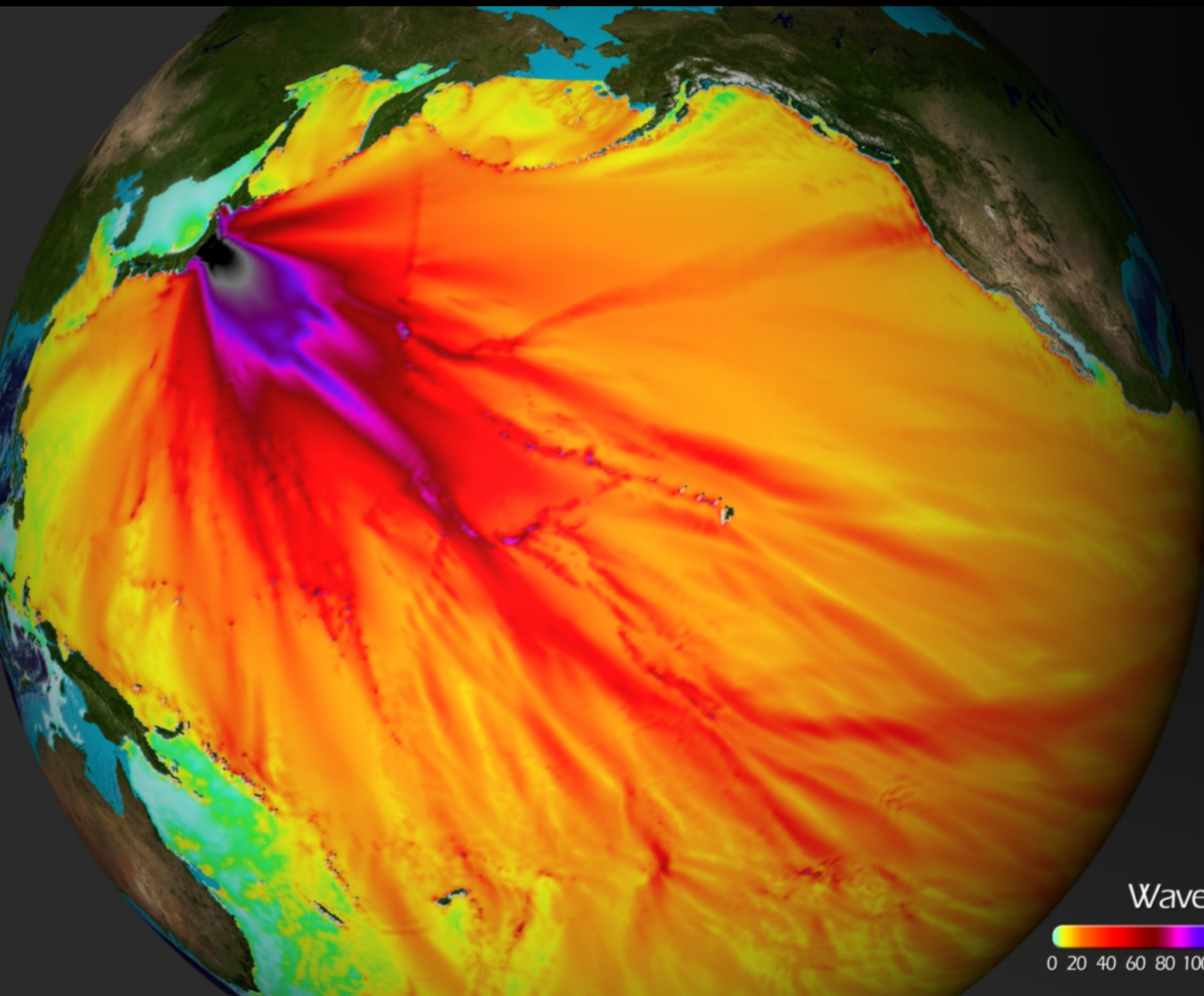
Captain: [Norman Mason+](#), Norfolk, VA (434)

I nearly ran aground between R 120 and G 123. I was definitely where the markers and my chartplotter showed I should be. I turned toward R 120, and actually went beyond it to find deep water. The key here is to look for the still water. Remember, "still waters run deep". It very obviously applied here.

Very Shallow!







Wave Height (cm)

